

=> d.his

(FILE 'HOME' ENTERED AT 10:55:57 ON 21 JUN 2006)

FILE 'CAPLUS, BIOSIS, MEDLINE' ENTERED AT 10:56:26 ON 21 JUN 2006

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L1          E SHEPPARD PAUL /AU
          23 S E3
          E GARCIA RICHARD /AU
L2          27 S E3
          E THOMPSON PENNY /AU
L3          12 S E3 OR E4
L4          62 S L1 OR L2 OR L3
L5          4 S L4 AND CROHN
L6          0 S L4 AND IBS
L7          4 S L4 AND COLITIS
L8          4 S L5 OR L7
L9          4 DUP REM L8 (0 DUPLICATES REMOVED)
L10         76099 S COLITIS
L11         1364188 S CHRON?
L12         1427881 S L10 OR L11
L13         8257 S DIFFERENTIAL (1W) GENE (1W) EXPRESSION
L14         201 S L12 (L) L13
L15         115 DUP REM L14 (86 DUPLICATES REMOVED)
L16         12 S L15 AND DIAGNOS?
L17         63 S L15 AND PY<2004
L18         6 S L17 AND DIAGNOS?
L19         52724 S CROHN?
L20         105735 S L19 OR L10
L21         8257 S DIFFERENTIAL (1W) GENE (1W) EXPRESSION
L22         3599893 S DIAGNOS?
L23         4 S L20 (L) L21 (L) L22
L24         2 DUP REM L23 (2 DUPLICATES REMOVED)
L25         30 S L20 AND L21
L26         16 DUP REM L25 (14 DUPLICATES REMOVED)
L27         11 S L26 AND PY<2004
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L27 ANSWER 1 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI **Differential gene expression** for regulation  
 of angiogenesis in endothelial cells, and implications in diagnosis and  
 therapy for angiogenesis-associated diseases  
 IN Colin, Sylvie; Schneider, Christophe; Al Mahmood, Salman  
 SO Fr. Demande, 110 pp.  
 CODEN: FRXXBL  
 PY 2003  
 2003  
 2003  
 2004  
 2004  
 2003  
 2004  
 2005  
 2005

L27 ANSWER 2 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Gene expression profile after peroxisome proliferator activator  
 receptor- $\gamma$  ligand administration in dextran sodium sulfate mice  
 AU Nakajima, Atsushi; Wada, Koichiro; Katayama, Kazufumi; Saubermann,  
 Lawrence; Osawa, Emi; Nagase, Hajime; Ueno, Norio; Matsushashi, Nobuyuki;  
 Aburatani, Hiroyuki  
 SO Journal of Gastroenterology (2002), 37(Suppl. 14), 62-66  
 CODEN: JOGAET; ISSN: 0944-1174  
 PY 2002

L27 ANSWER 3 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI DNA microarray technology reveals similar gene expression patterns in rats  
 with vitamin A deficiency and chemically induced colitis  
 AU Nur, Talia; Peijnenburg, Ad A. C. M.; Noteborn, Hub P. J. M.; Baykus,  
 Hakan; Reifen, Ram  
 SO Journal of Nutrition (2002), 132(8), 2131-2136  
 CODEN: JONUAI; ISSN: 0022-3166  
 PY 2002

L27 ANSWER 4 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI PDGF D polypeptides, nucleic acids encoding them, and therapeutic or  
 diagnostic applications of the polypeptides or their antibodies  
 IN Shimkets, Richard A.; Lichenstein, Henri; Herrmann, John L.; Boldog,  
 Ferenc L.; Minskoff, Stacey; Jeffers, Michael; Andrews, David; La  
 Rochelle, William  
 SO U.S. Pat. Appl. Publ., 97 pp., Cont.-in-part of U.S. Ser. No. 715,332.  
 CODEN: USXXCO  
 PY 2002  
 2002  
 2003  
 2005  
 2006

L27 ANSWER 5 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Modulation of gene expression in the vascular endothelium using effectors  
 of the Erg gene or gene product  
 IN McLaughlin, Fiona; Randi, Anna Maria  
 SO PCT Int. Appl., 75 pp.  
 CODEN: PIXXD2  
 PY 2001

L27 ANSWER 6 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Entamoeba dispar galactose/N-acetyl-D-galactosamine lectin: evidence for  
**differential gene expression** and  
 conformational regulation  
 AU Pillai, Dylan R.; Kobayashi, Seiki; Kain, Kevin C.  
 SO Archives of Medical Research (2000), 31(4, Suppl.), S234-S236  
 CODEN: AEDEER; ISSN: 0188-4409  
 PY 2000

L27 ANSWER 7 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN

TI Identification of genes involved in mucosal defense and inflammation  
 associated with normal enteric bacteria  
 AU Ogawa, Hitoshi; Fukushima, Kouhei; Sasaki, Iwao; Matsuno, Seiki  
 SO American Journal of Physiology (2000), 279(3, Pt. 1), G492-G499  
 CODEN: AJPHAP; ISSN: 0002-9513  
 PY 2000

L27 ANSWER 8 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI mRNA differential display of colonic mucosa cells in ulcerative  
 colitis  
 AU Zuo, Li; Ogle, Cora K.; Fischer, Josef E.; Nussbaum, Michael S.  
 SO Journal of Surgical Research (1997), 69(1), 119-127  
 CODEN: JSGRA2; ISSN: 0022-4804  
 PY 1997

L27 ANSWER 9 OF 11 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN  
 TI IN VITRO AND IN VIVO INFLUENCE OF AZATHIOPRINE ON GLOBAL GENE REGULATION:  
 SEARCHING FOR A PHARMACOGENOMIC MARKER IN CROHN DISEASE.  
 AU Franchimont, Denis P. [Reprint Author]; Sotiriou, Christos [Reprint  
 Author]; Laes, Jean-Francois [Reprint Author]; Hennuy, Benoit [Reprint  
 Author]; Gonze, Isabelle [Reprint Author]; Lallemand, Francoise [Reprint  
 Author]; Quertinmont, Eric [Reprint Author]; Gustot, Thierry [Reprint  
 Author]; Deviere, Jacques [Reprint Author]; Van Gossum, Andre [Reprint  
 Author]  
 SO Digestive Disease Week Abstracts and Itinerary Planner, (2003)  
 Vol. 2003, pp. Abstract No. S1358. e-file.  
 Meeting Info.: Digestive Disease 2003. FL, Orlando, USA. May 17-22, 2003.  
 American Association for the Study of Liver Diseases; American  
 Gastroenterological Association; American Society for Gastrointestinal  
 Endoscopy; Society for Surgery of the Alimentary Tract.  
 PY 2003

L27 ANSWER 10 OF 11 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on  
 STN  
 TI Differential gene expression in intestinal  
 epithelial cells induced by enterohemorrhagic Escherichia coli O157:H7.  
 AU Kanack, K. J. [Reprint author]; Kaper, J. B. [Reprint author]  
 SO Abstracts of the General Meeting of the American Society for Microbiology,  
 (2002) Vol. 102, pp. 80. print.  
 Meeting Info.: 102nd General Meeting of the American Society for  
 Microbiology. Salt Lake City, UT, USA. May 19-23, 2002. American Society  
 for Microbiology.  
 ISSN: 1060-2011.  
 PY 2002

L27 ANSWER 11 OF 11 MEDLINE on STN  
 TI Increased expression of HIP/PAP and regenerating gene III in human  
 inflammatory bowel disease and a murine bacterial reconstitution model.  
 AU Ogawa Hitoshi; Fukushima Kouhei; Naito Hiroo; Funayama Yuji; Unno  
 Michiaki; Takahashi Ken-ichi; Kitayama Taku; Matsuno Seiki; Ohtani Haruo;  
 Takasawa Shin; Okamoto Hiroshi; Sasaki Iwao  
 SO Inflammatory bowel diseases, (2003 May) Vol. 9, No. 3, pp.  
 162-70.  
 Journal code: 9508162. ISSN: 1078-0998.  
 PY 2003

# Appendix - A

## RESULT 6

US-08-487-748A-11

; Sequence 11, Application US/08487748A

; Patent No. 5721351

### ; GENERAL INFORMATION:

; APPLICANT: Levinson, Douglas A.

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE

; TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF IMMUNE DISORDERS

; NUMBER OF SEQUENCES: 23

### ; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Pennie & Edmonds

; STREET: 1155 Avenue of the Americas

; CITY: New York

; STATE: New York

; COUNTRY: U.S.A.

; ZIP: 10036-2711

### ; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

### ; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/487,748A

; FILING DATE: 07-JUN-1995

; CLASSIFICATION: 536

### ; ATTORNEY/AGENT INFORMATION:

; NAME: Coruzzi, Laura A.

; REGISTRATION NUMBER: 30,742

; REFERENCE/DOCKET NUMBER: 7853-023

### ; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (212) 790-9090

; TELEFAX: (212) 869-8864/9741

; TELEX: 66141 PENNIE

### ; INFORMATION FOR SEQ ID NO: 11:

#### ; SEQUENCE CHARACTERISTICS:

; LENGTH: 1257 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: unknown

; MOLECULE TYPE: DNA

#### ; FEATURE:

; NAME/KEY: CDS

; LOCATION: 22..1137

US-08-487-748A-11

Query Match 1.4%; Score 20.4; DB 1; Length 1257;

Best Local Similarity 95.5%; Pred. No. 9.2;

Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1460 GTCAAAAAAAAAAAAAAAAAAAAA 1481

|| |||||

Db 1236 GTGAAAAAAAAAAAAAAAAAAAA 1257

US Patent NO: 5,721,351

(2) INFORMATION FOR SEQ ID NO:11:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 1257 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: unknown

(ii) MOLECULE TYPE: DNA

(ix) FEATURE:

(A) NAME/KEY: CDS

(B) LOCATION: 22..1137

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:

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TTCCAGATCCGGTTCAACCGGAGTTACTGGAACCCAGCAGAGTACACT195

CGCCGTCTGAGCATCTTTGCCACAATCTGGCTCAGGCTCAAAGGCTA243

CAGCAAGAAGACTTGGGTACAGCTGAGTTTGGAGAGACTCCATTCAGT291

GACCTCACAGAGGAGGAGTTTGGCCAGTTATACGGGCAGGAGAGGTCA339

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AATGGTTGCAATGGTGGCTTCGTGTGGGACGCATATCTAACTGTCTC627

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